

Figure 1b

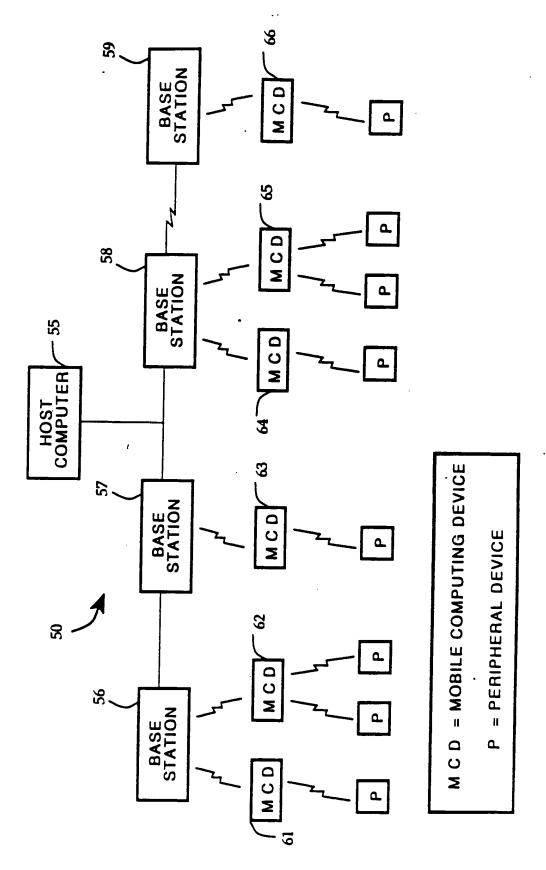


Figure 1c

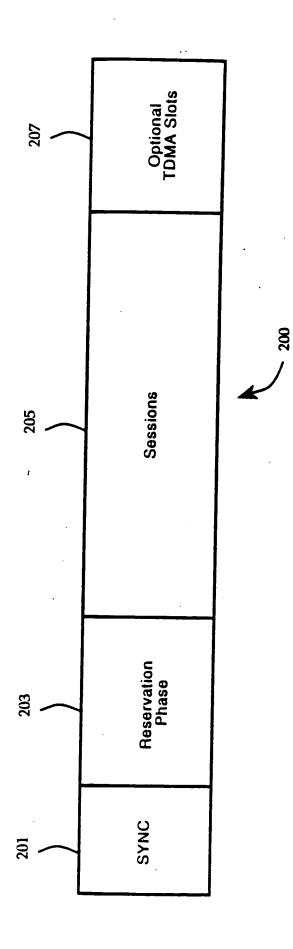


Figure 2

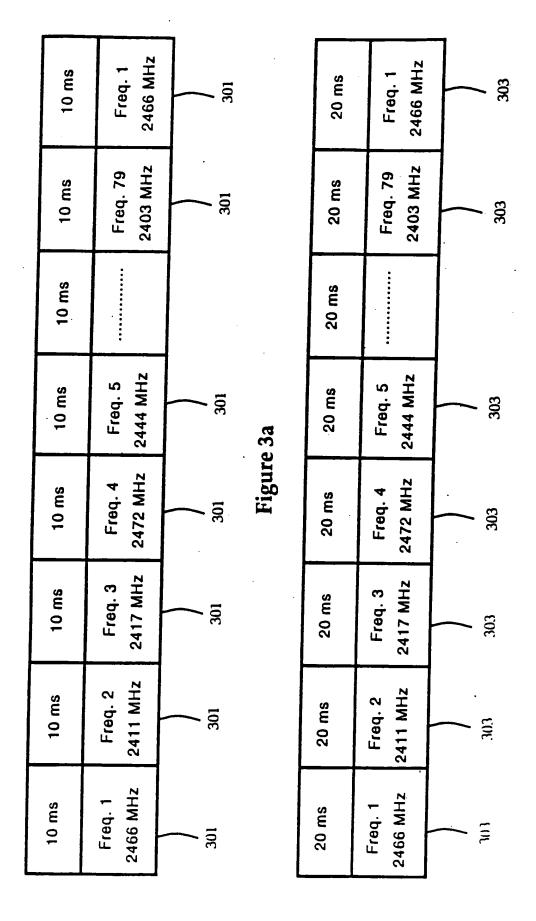


Figure 3b

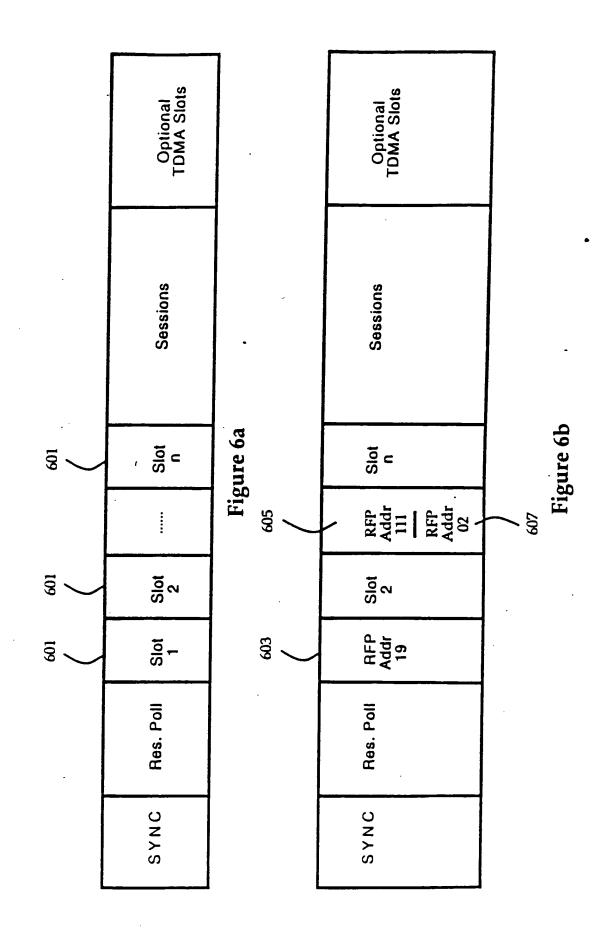
r - 1 hor -	rreq 1: 2466 MHz	Freq 2: 2411 MHz	411 MHz	Freq 3: 2417 MHz	417 MHz	Freq 5:	Freq 5: 2444 MHz
AI. 1	AI. 2	AI. 1	AI. 2	A 1	0 1	,	
20 me	, w				7.10	F	AI. 2
27	20 IIIS	50 ms	20 ms	20 ms	20 ms	20 ms	20 mc
<del>(</del>							20 113

Figure 4a

	<del></del>
	Ai. 4 20 ms
2411 MHz	Al. 3 20 ms
Freq 2:	AI. 2 20 ms
	Al. 1 20 ms
	AI. 4 20 ms
36 MHz	AI. 3 20 ms
Freq 1: 2466	AI. 2 20 ms
·	Al. 1 20 ms 401
	Freq 1: 2466 MHz

Figure 4b

Figure 5b



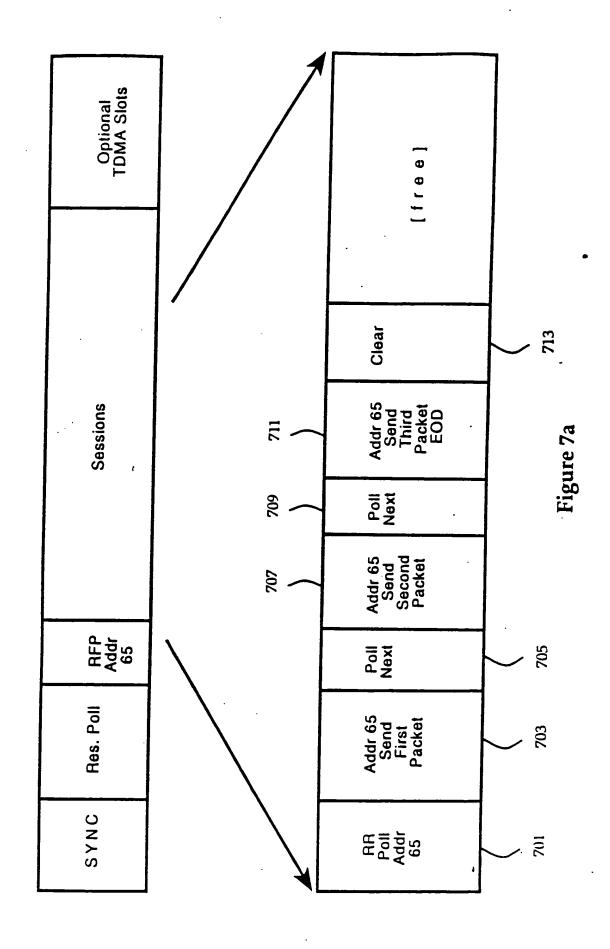
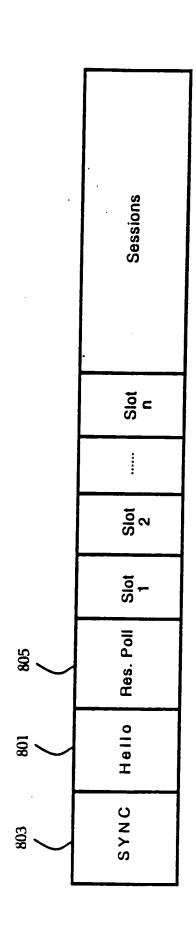
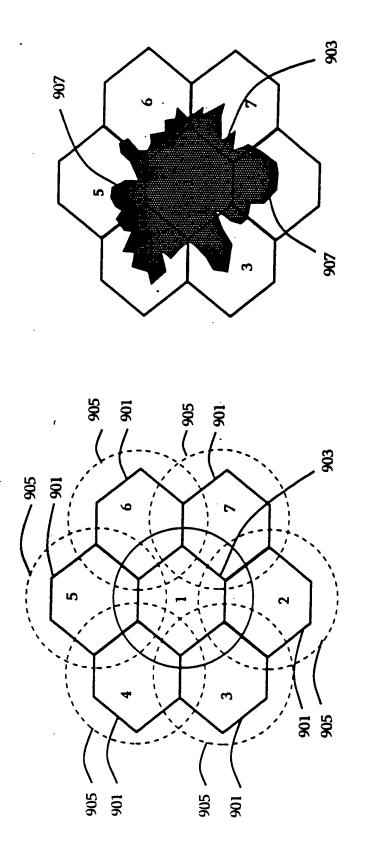
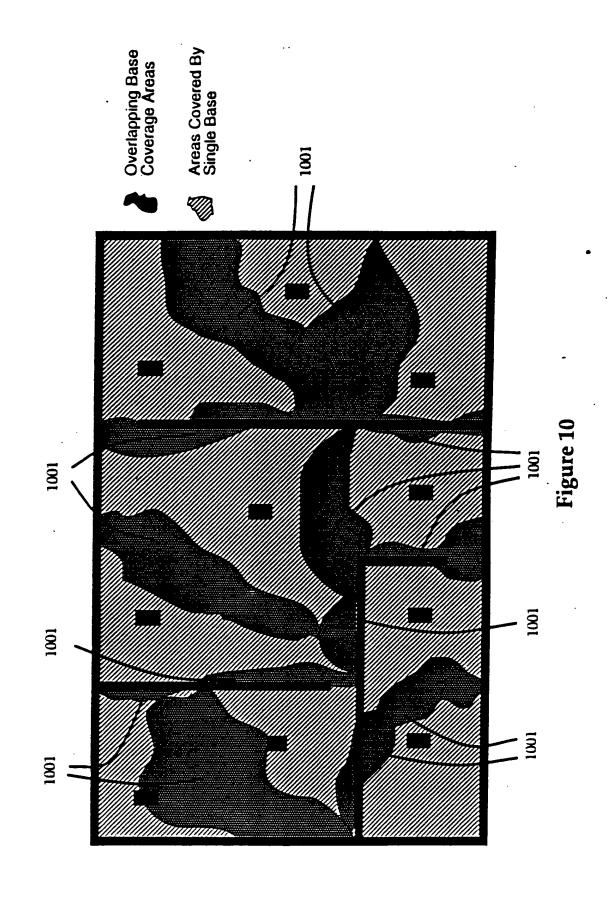
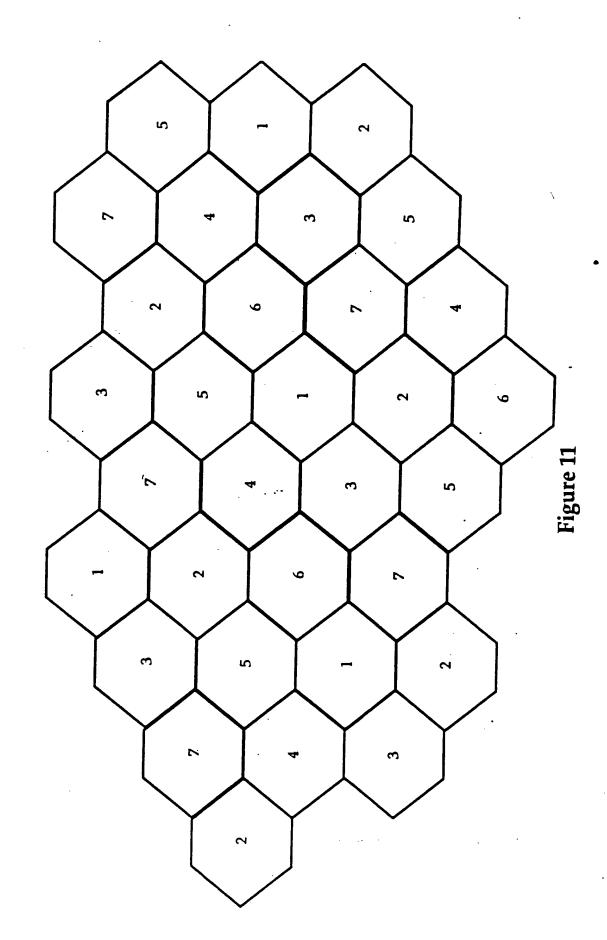


Figure 7b









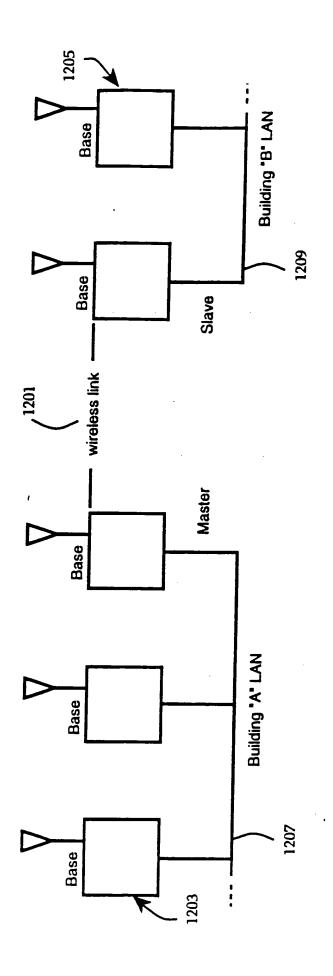
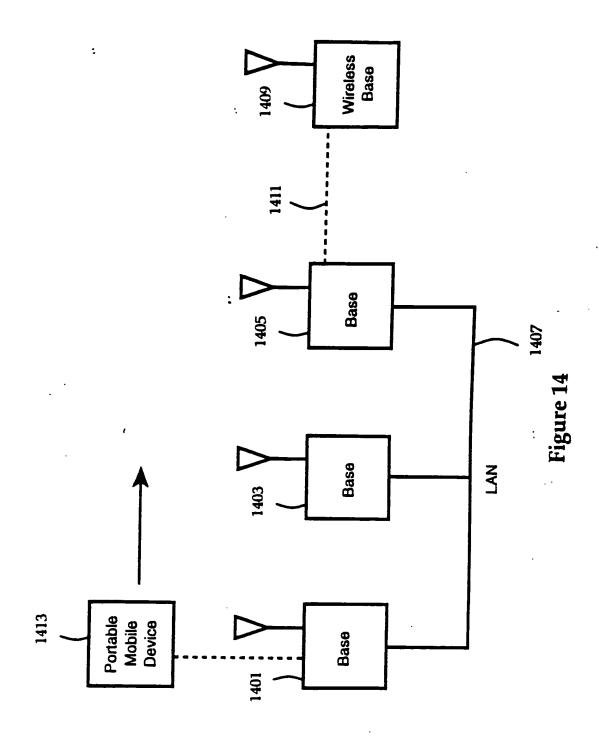


Figure 12

1303

Figure 13



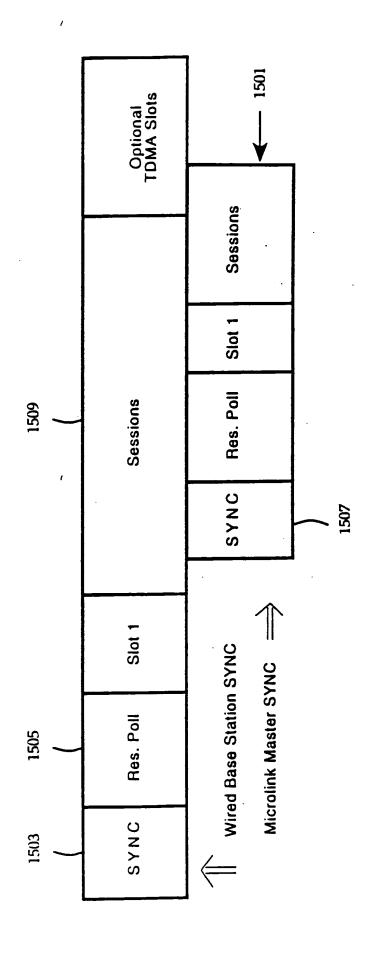


Figure 15

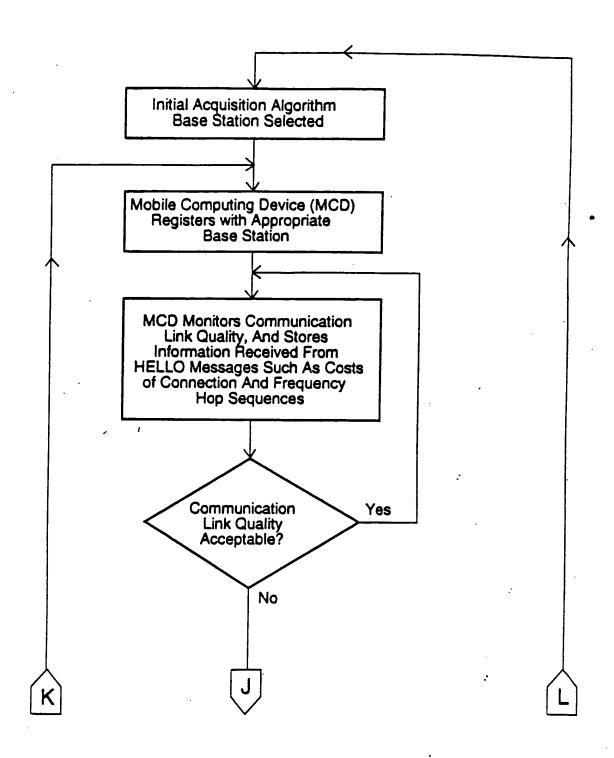
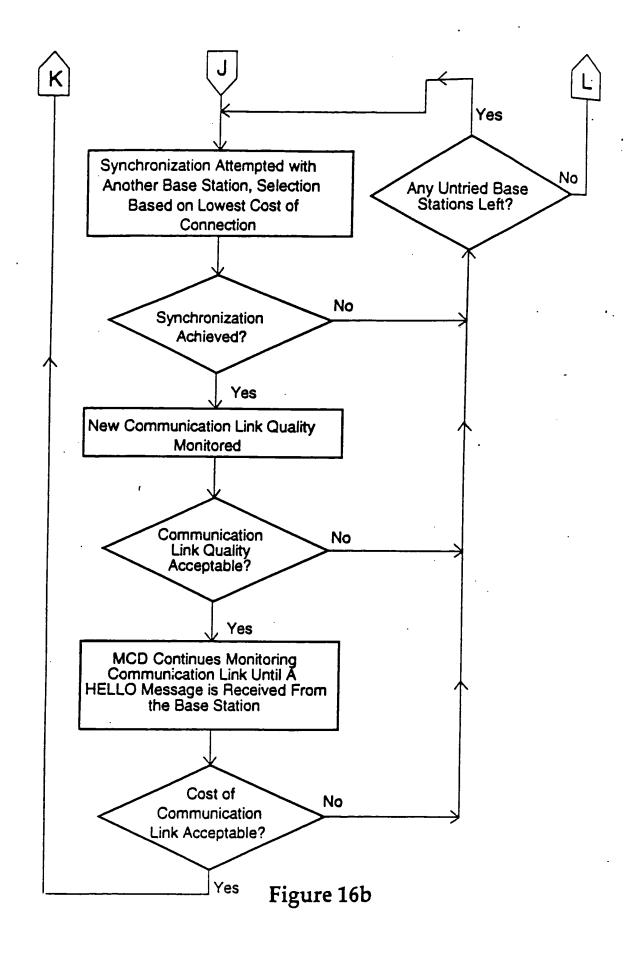


Figure 16a



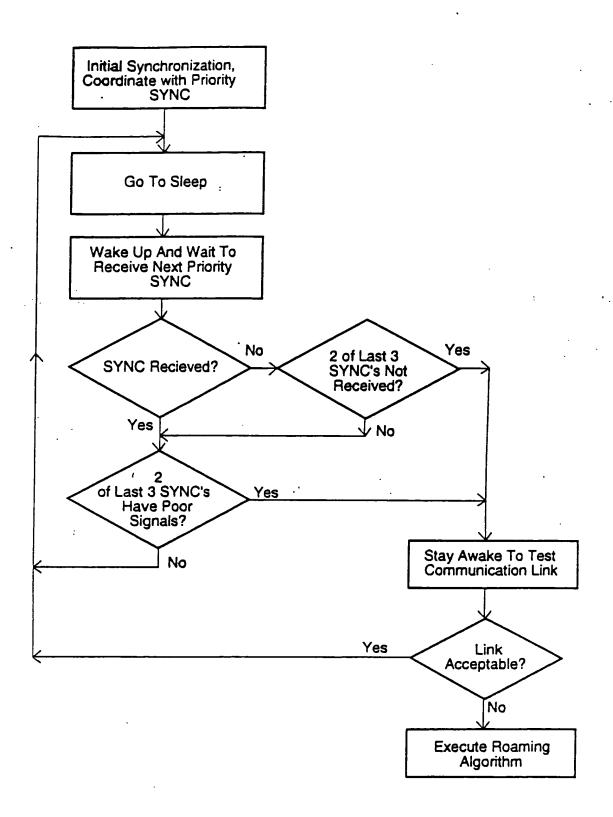
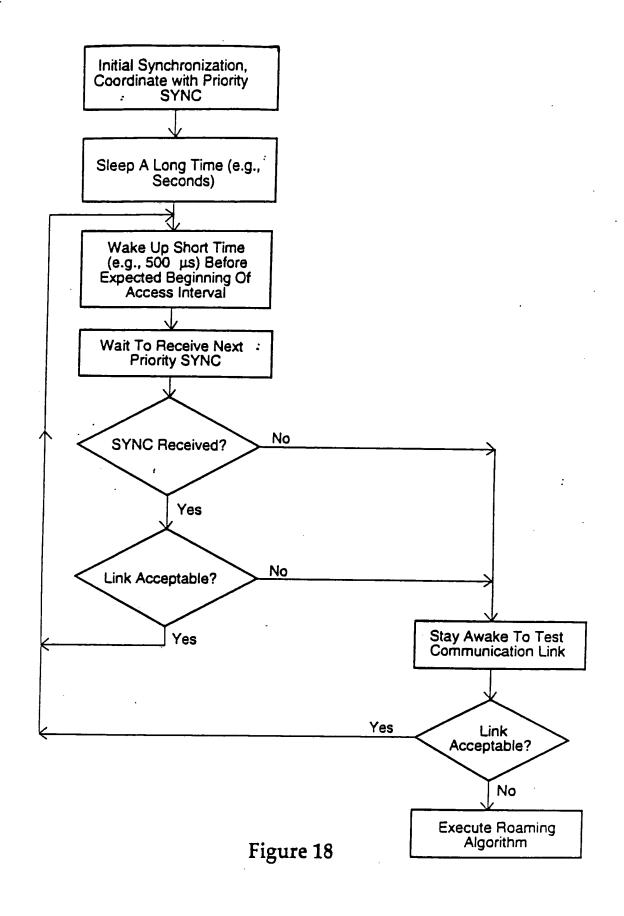
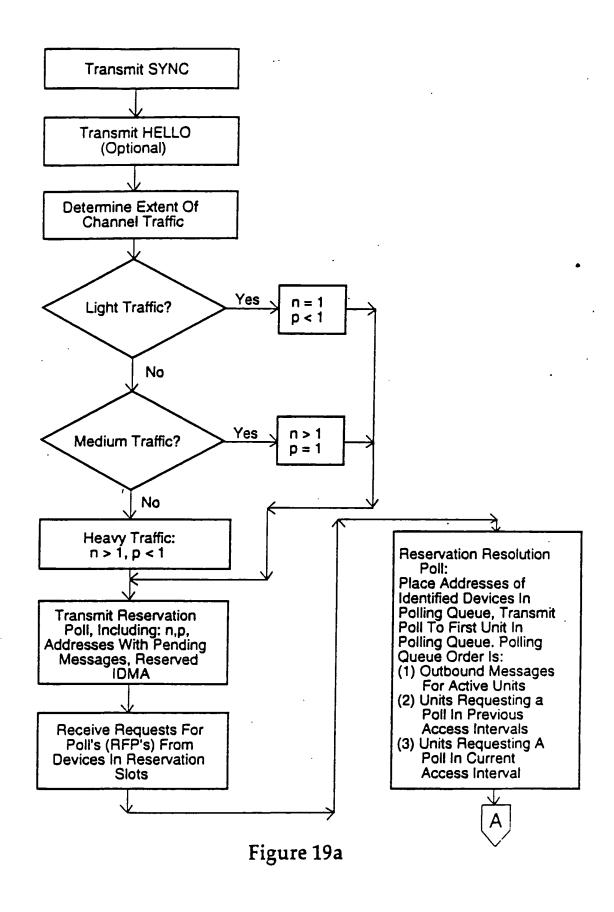


Figure 17





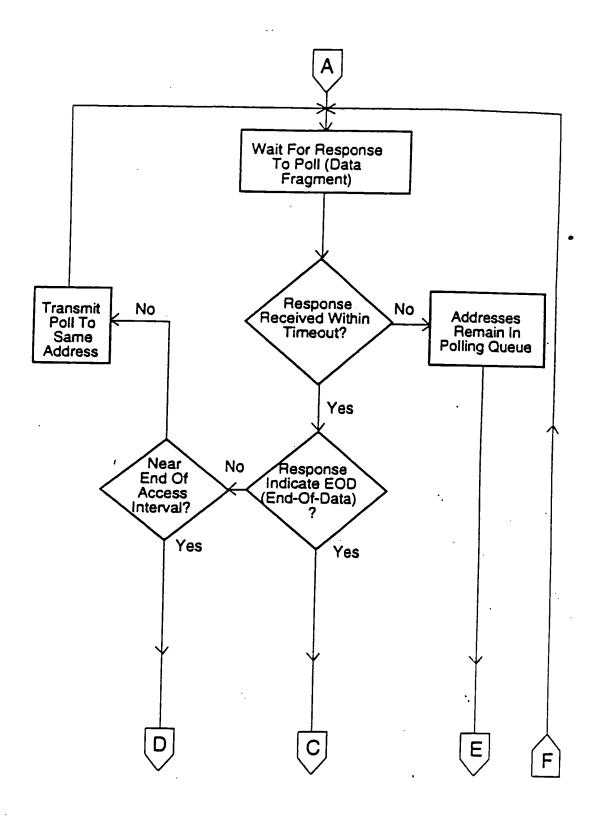


Figure 19b-1

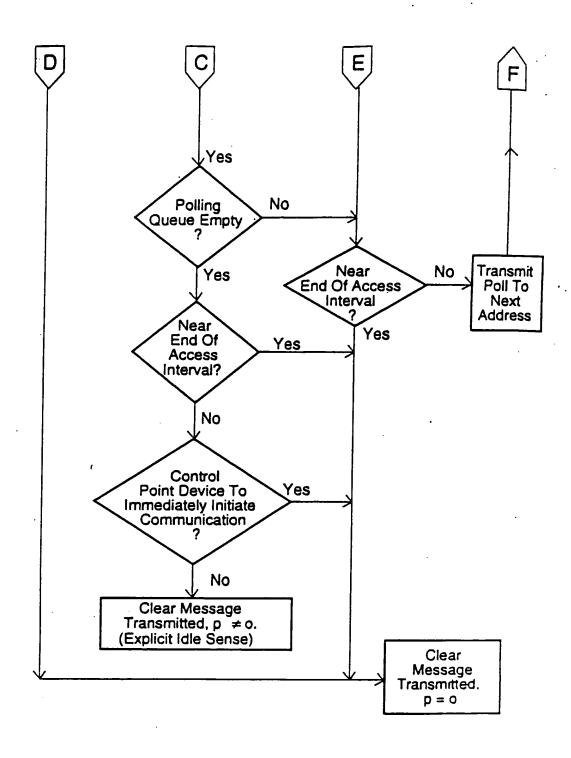


Figure 19b-2

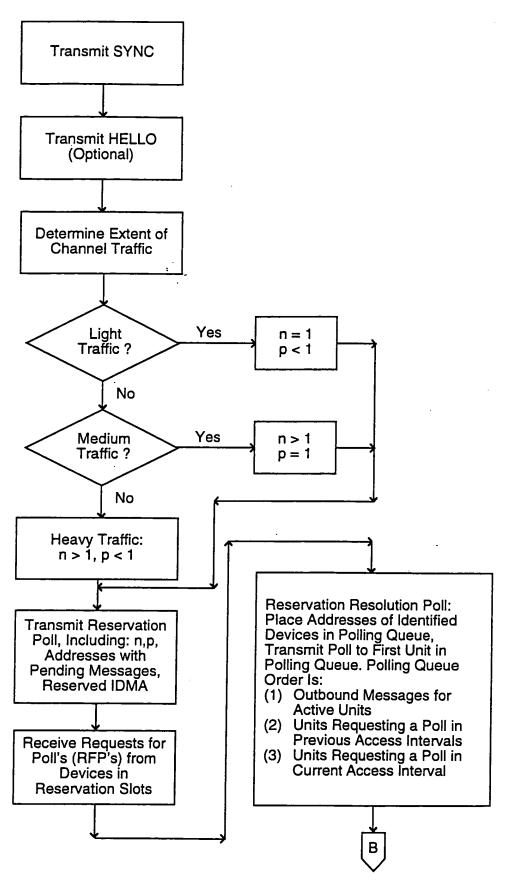


Fig. 20a

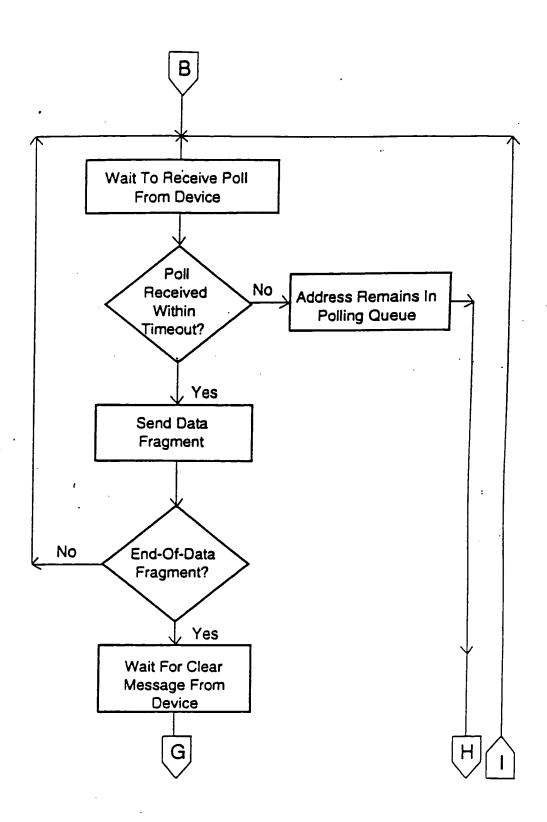


Figure 20b-1

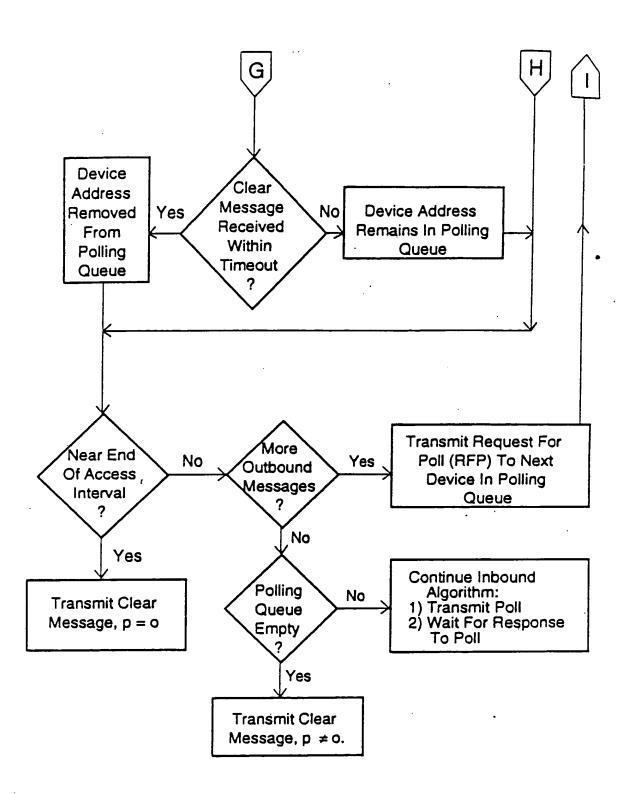
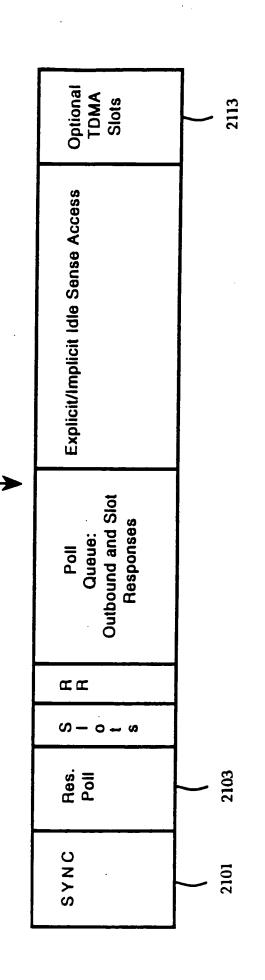


Figure 20b-2



2100

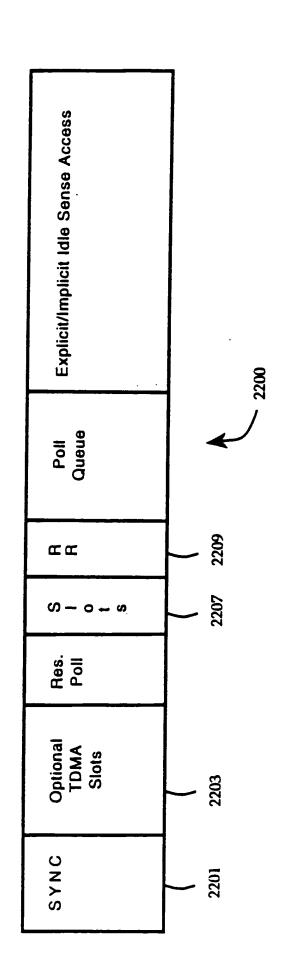


Figure 22

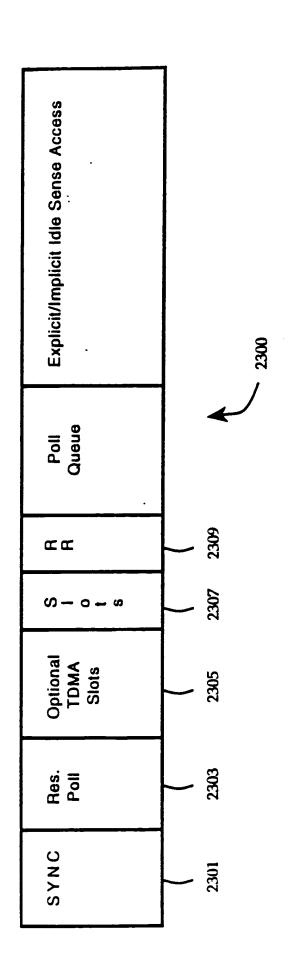


Figure 23

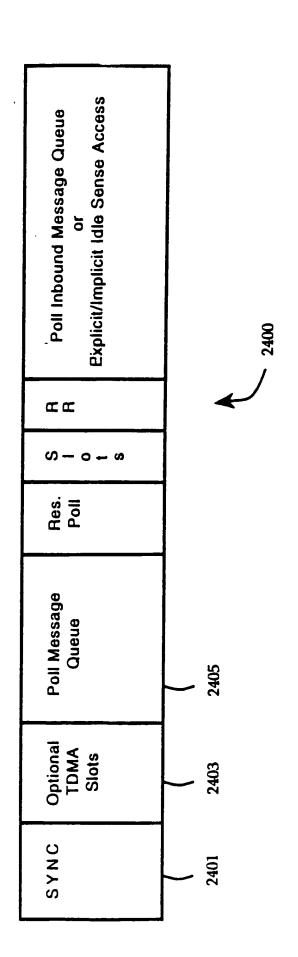


Figure 24

++ allows additional bit times for HDLC zero bit insertion

Figure 25

SYNC

_
0
0
Ø
N
L
_

Byte	Content	Definition
1	FLAG	Frame Delimiter
2	Dest. Address 1	Destination Address (SYNC = Broadcast = FFFF <sub>H</sub> )
3	Dest. Address 2	Destination Address, 2nd Byte
4	TYPE	Message Type=SYNC, Priority Sync, or Priority SYNC with
		HELLO
5	Source Address 1	Control Point Address
9	Source Address 2	Control Point Address, 2nd Byte
7*	SYSTEM ID	System Identifier (LAN ID)
8*	NET ID	QI 19N
<b>-6</b>	Command/Status 1	Control Point Status
		2 Bits Control Point Type
		2 Bits Loading Factor
		1 Bit Scheduled Service Availability
		3 Bits Reserved
10.	Command/Status 2	Scheduled Services
		5 Bits Number of Allocated TDMA Time Slots
•		3 Bits Number of Available Time Stots
11*	Random	Randomly Selected Character for Improved Encryption
12	CRC 1	Error Check
13	CRC 2	Error Check
14	FLAG	Frame Delimiter

Figure 26

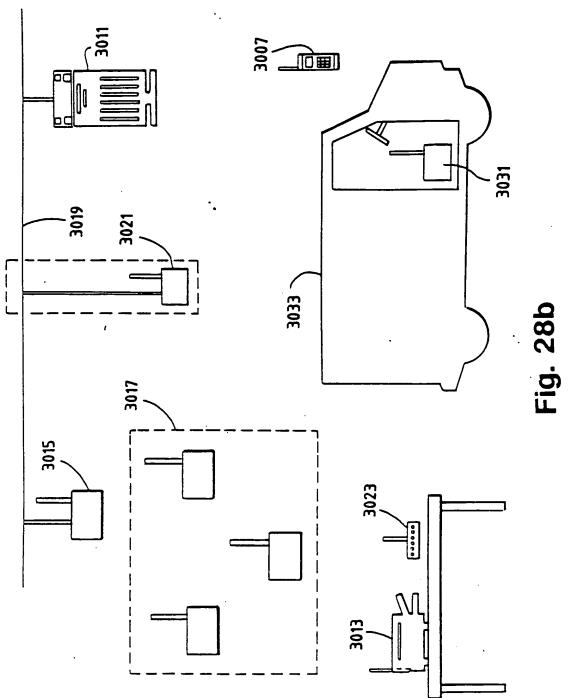
\*Optionally Encrypted Bytes

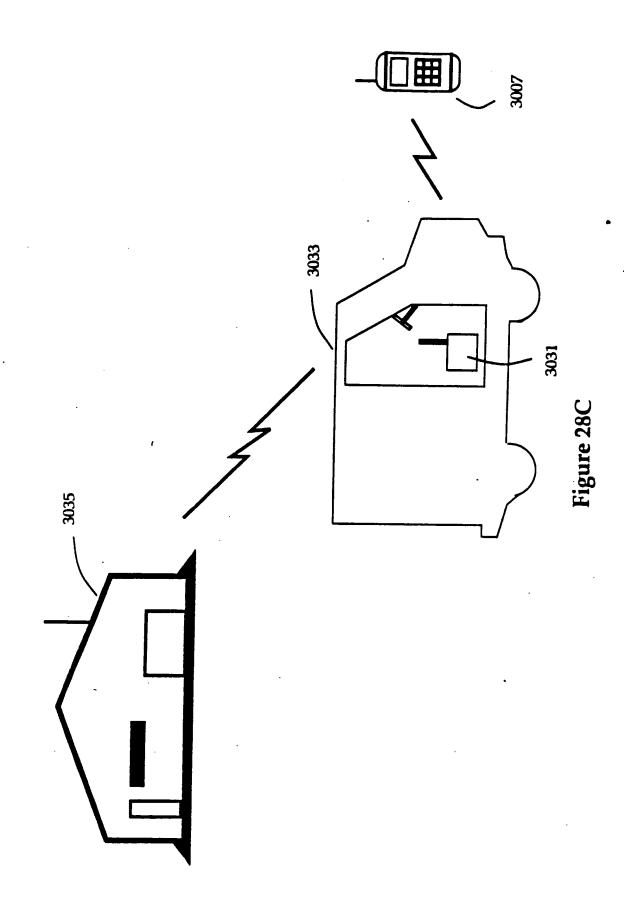
## Reservation Poll

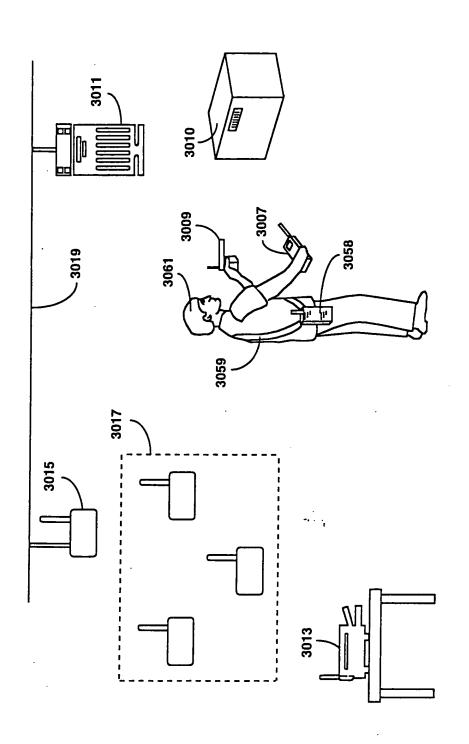
Вуте	Content	Definition
-	FLAG	Frame Delimiter
2	Dest. Address 1	Destination Address (RES = Broadcast = FFFF <sub>H</sub> )
င	Dest. Address 2	Destination Address, 2nd Byte
4	TYPE	Message Type = RES POLL
5	SLOT PARMS	3 Bits Number of Slots
9		5 Bits Probability Factor
7*	Sequence	Hopping Sequence ID
8.	Index	Hopping Sequence Index
•6	NET PARMS	
		3 Bits Hop Rate
		2 Bits Al's per Hop
		3 Bits Reserved
10	CRC 1	Error Check
11	CRC 2	Error Check
12	FLAG	Frame Delimiter

Figure 27

Fig. 28A







External WAN Antenna

Cigarette Lighter Power Input Cable

3065

WAN

Link

- 3079

City Station

3071

3077

Fig. 29B

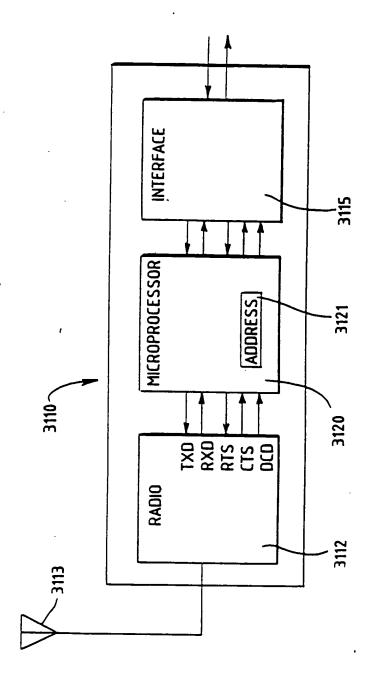


Fig. 30

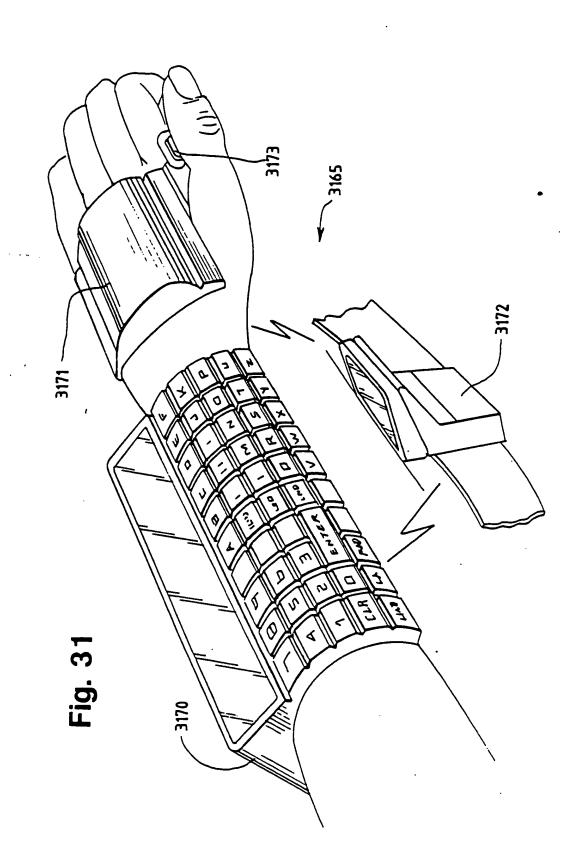
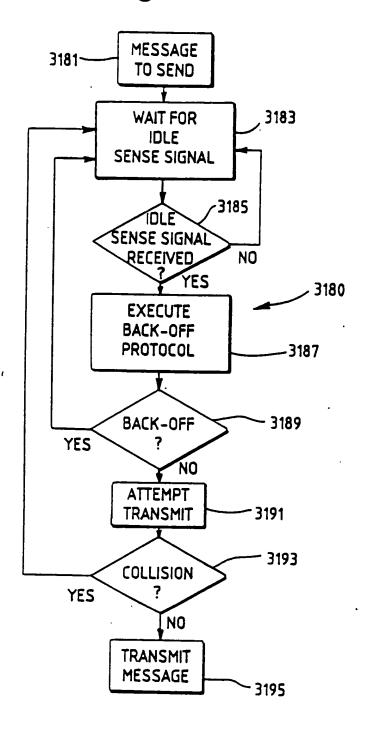
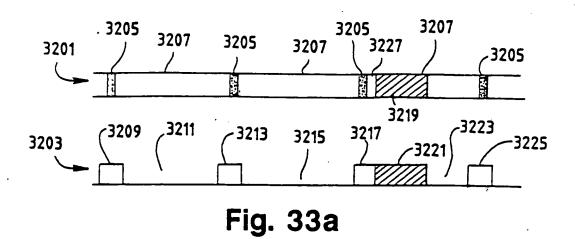
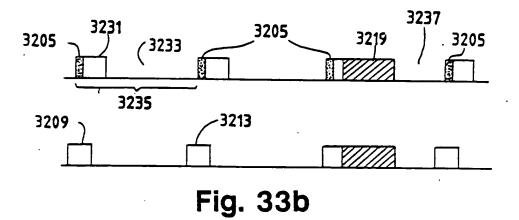
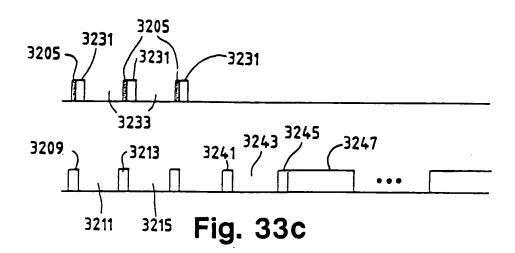


Fig. 32









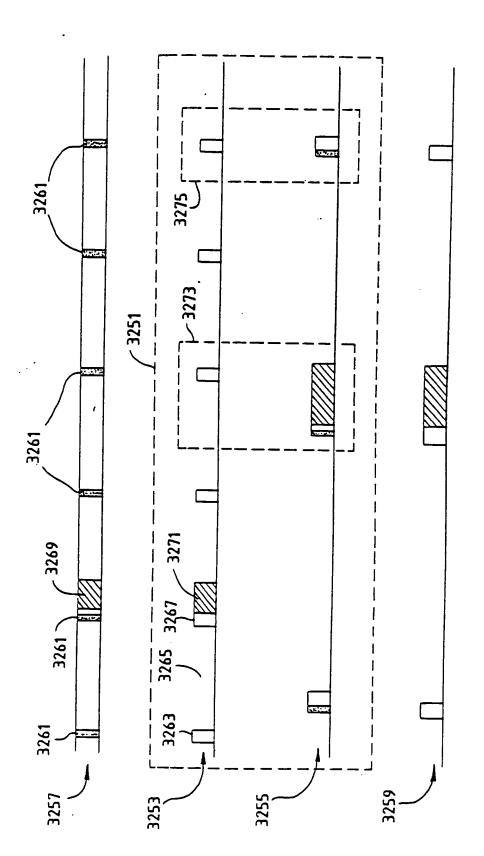


Fig. 34

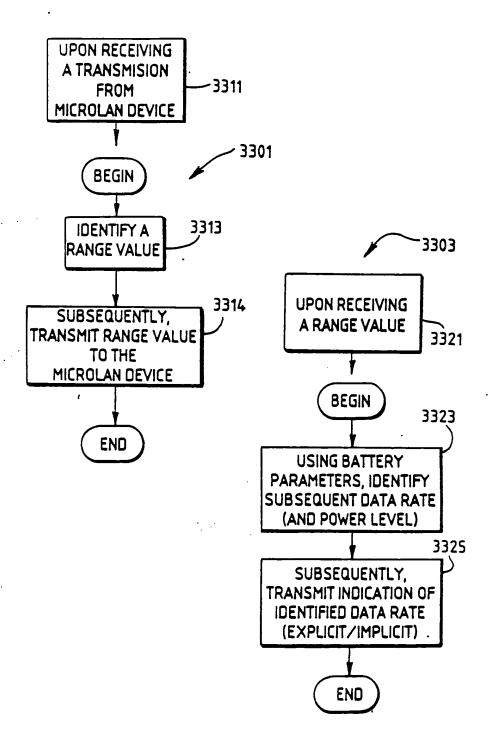
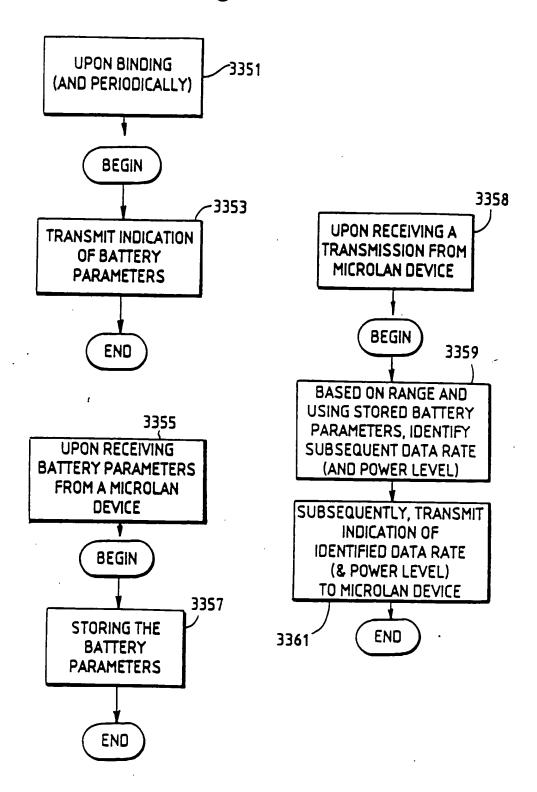


Fig. 35

Fig. 36



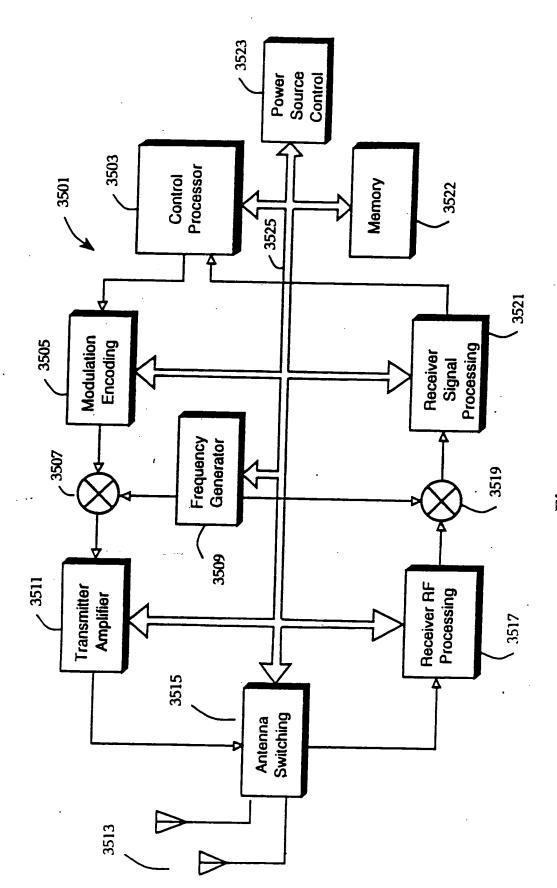


Figure 37

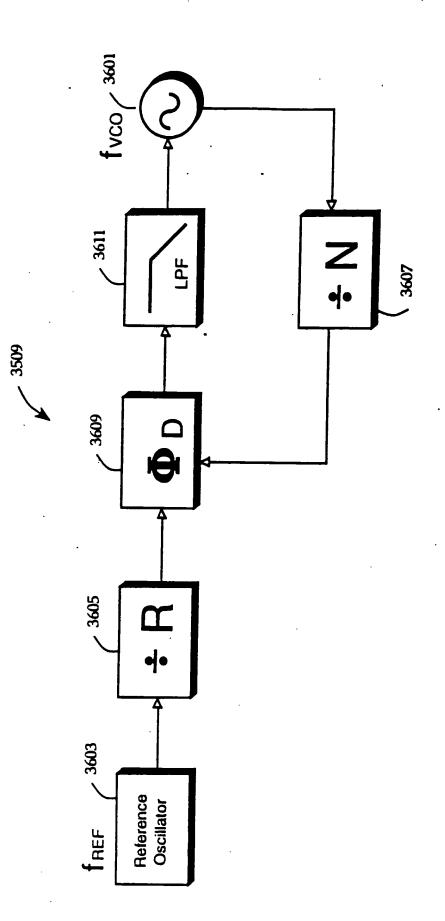


Figure 38

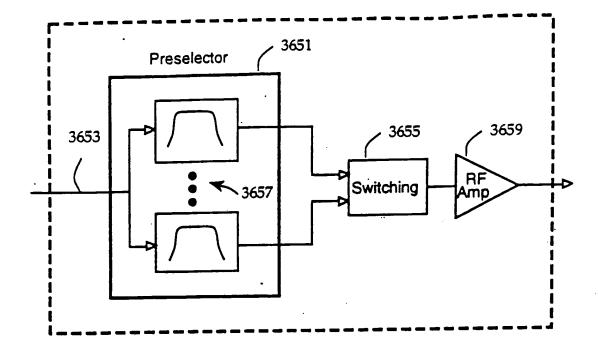


Figure 39

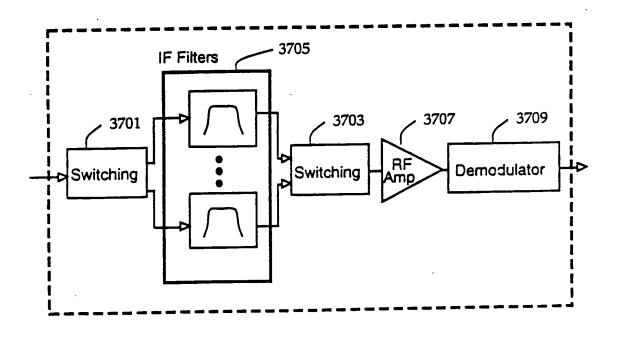


Figure 40

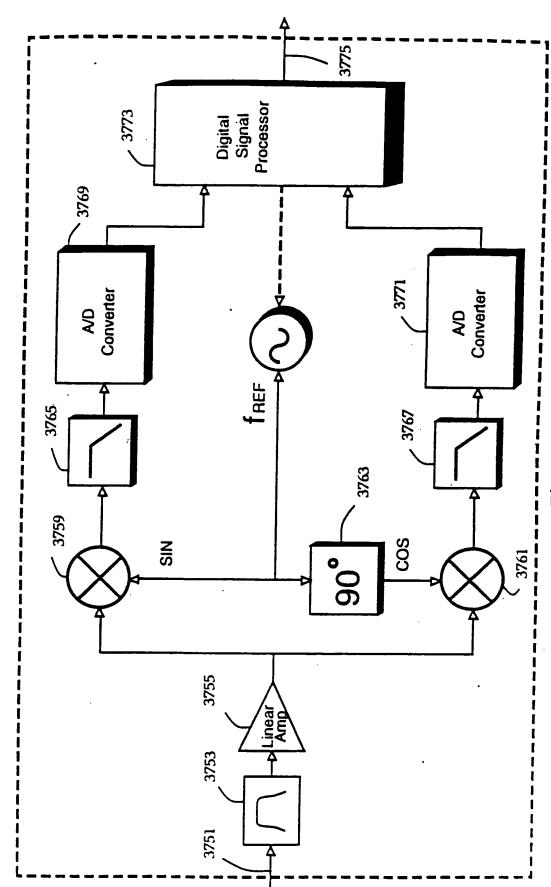


Figure 41

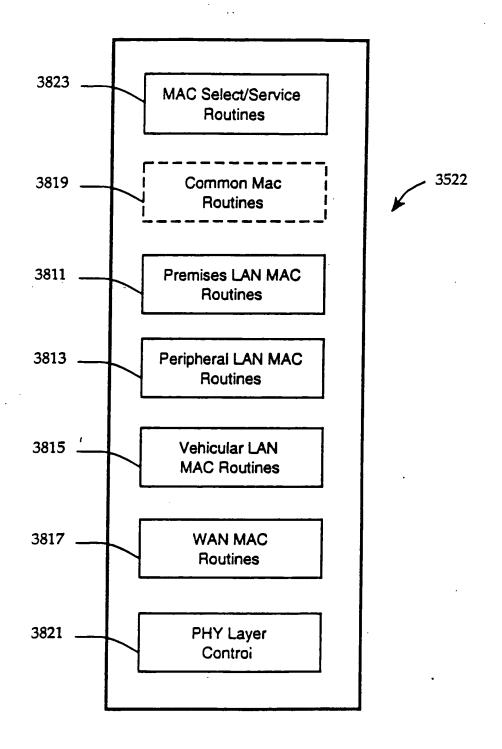
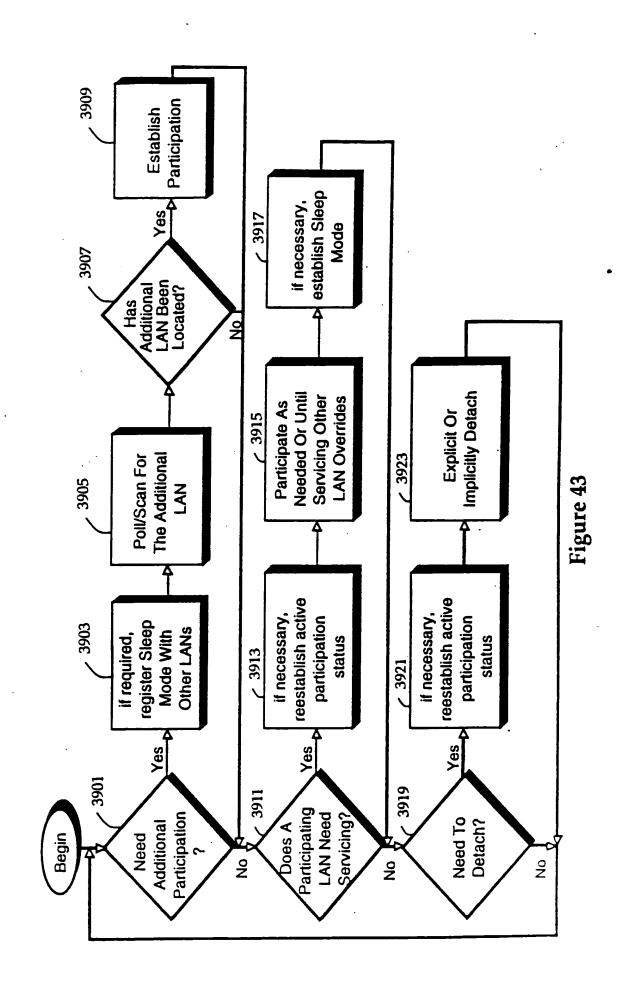


Figure 42



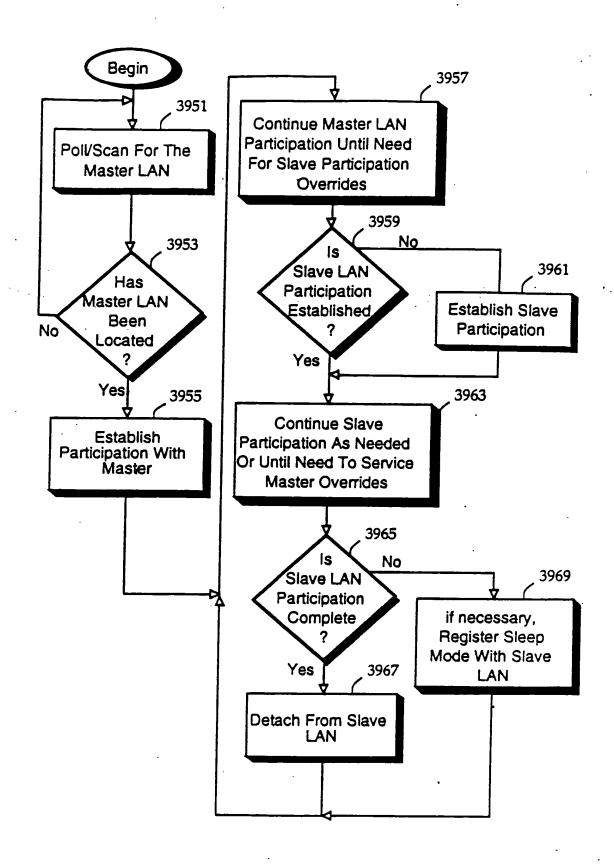


Figure 44

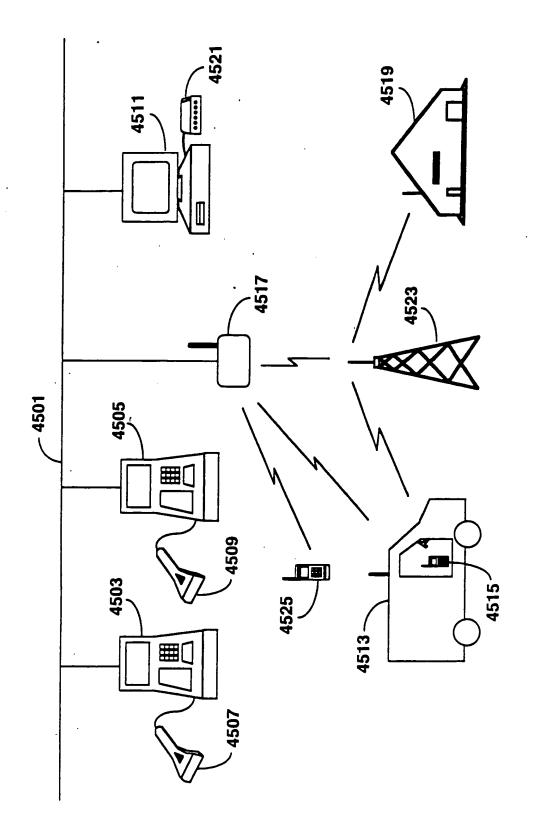


Fig. 45

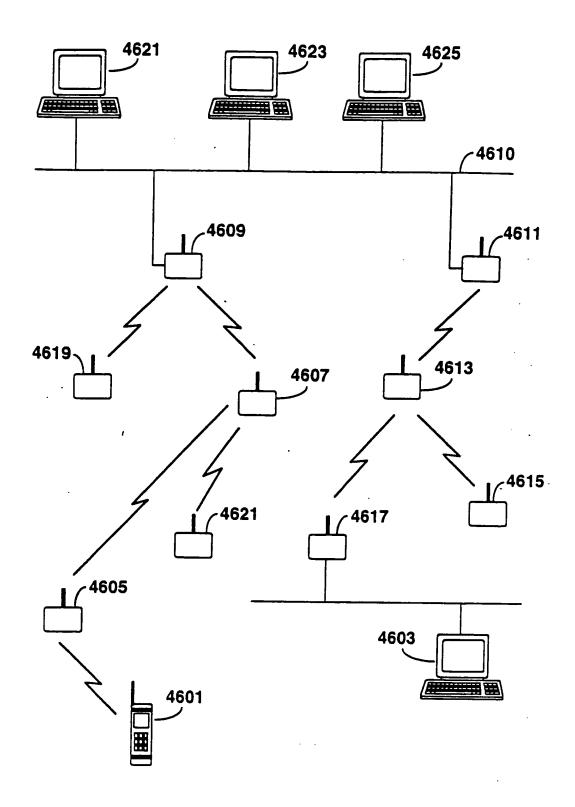


Fig. 46a

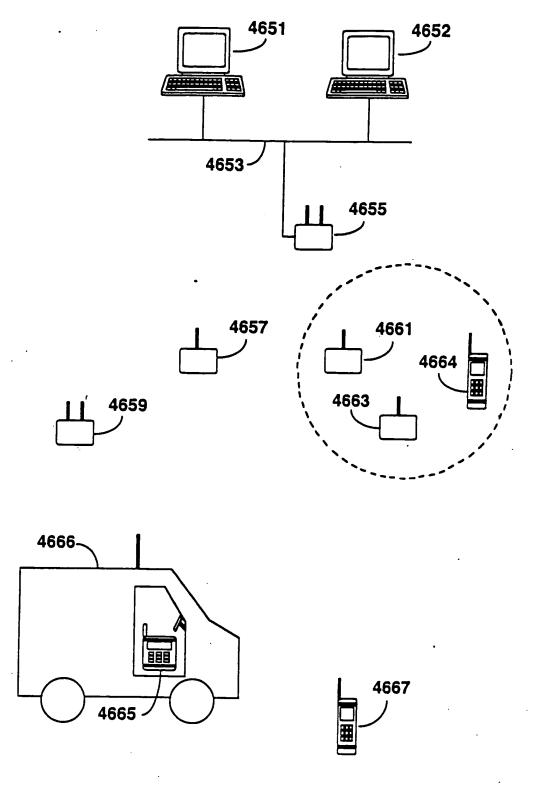


Fig. 46b

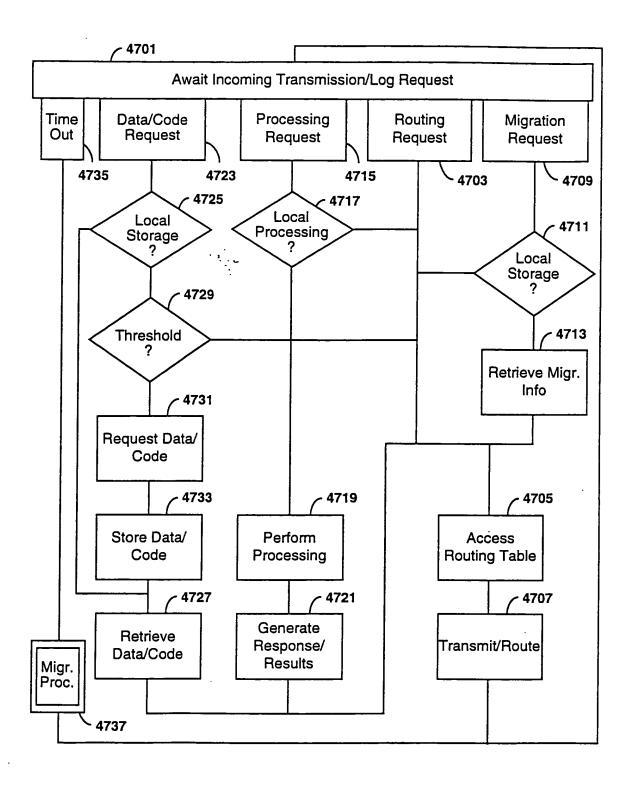


Fig. 47a

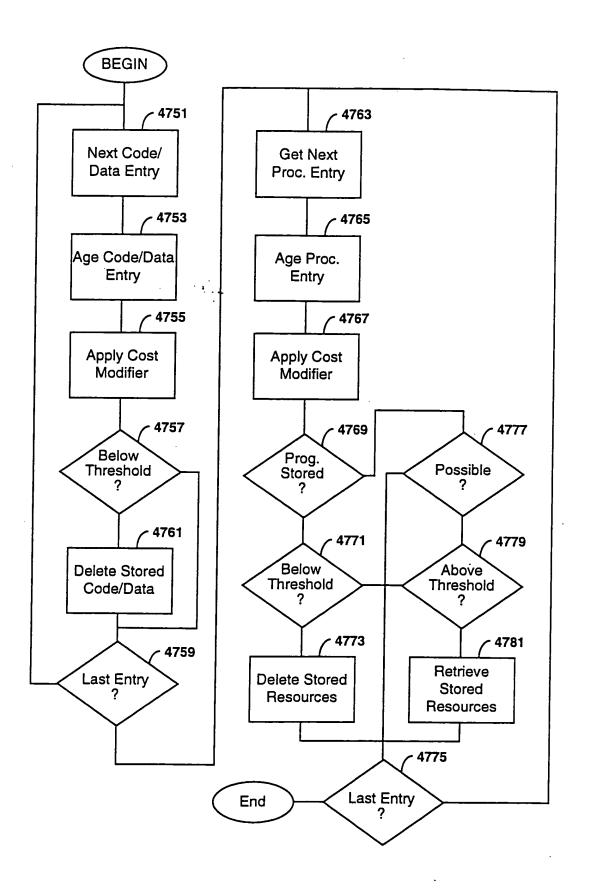


Fig. 47b

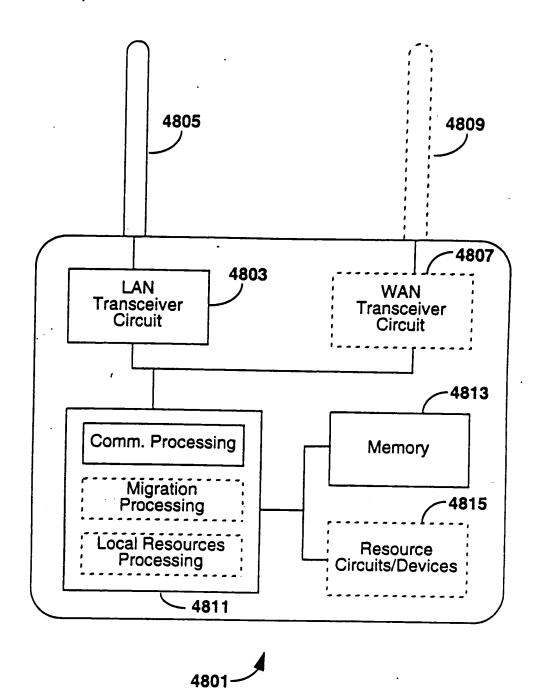


Fig. 48

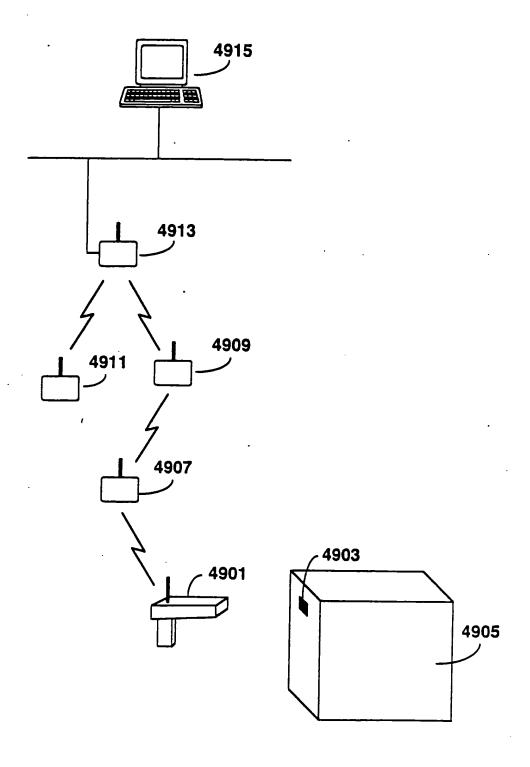


Fig. 49a

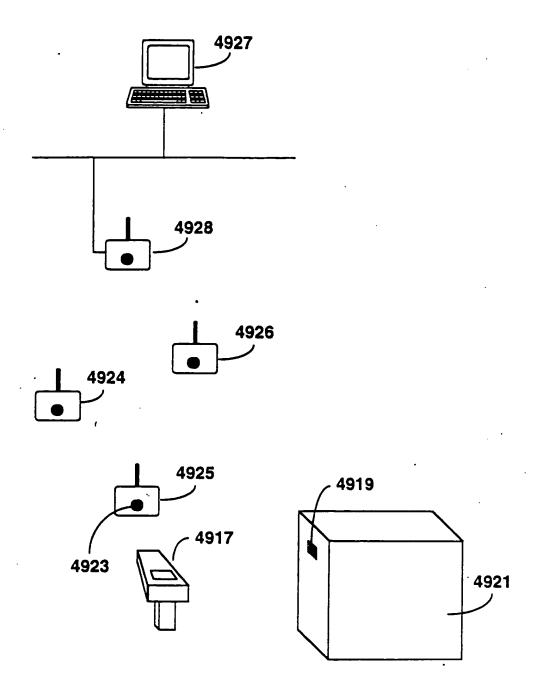


Fig. 49b

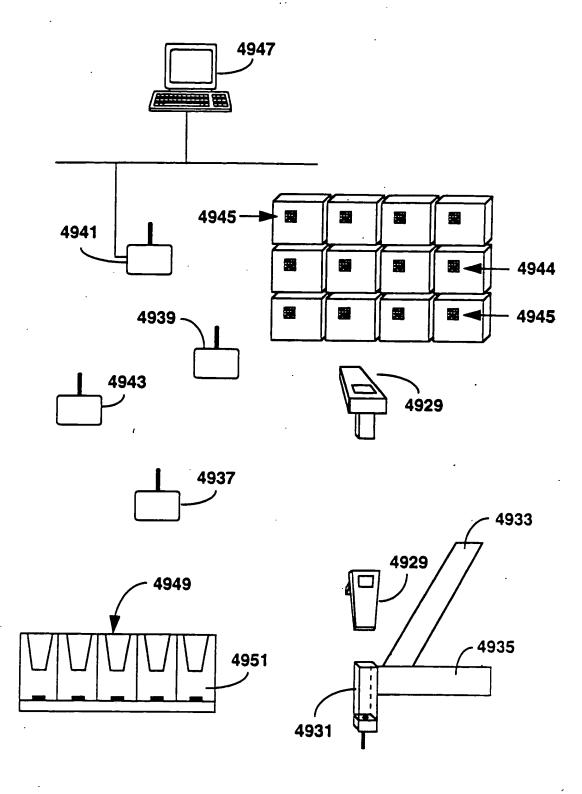


Fig. 49c

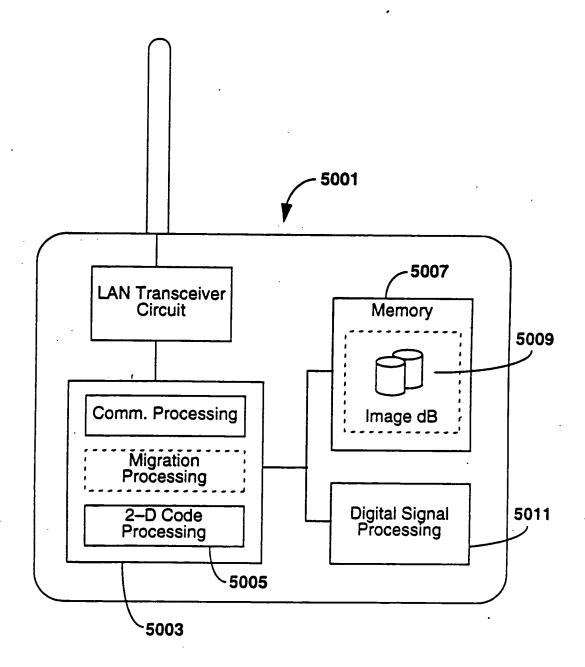


Fig. 50

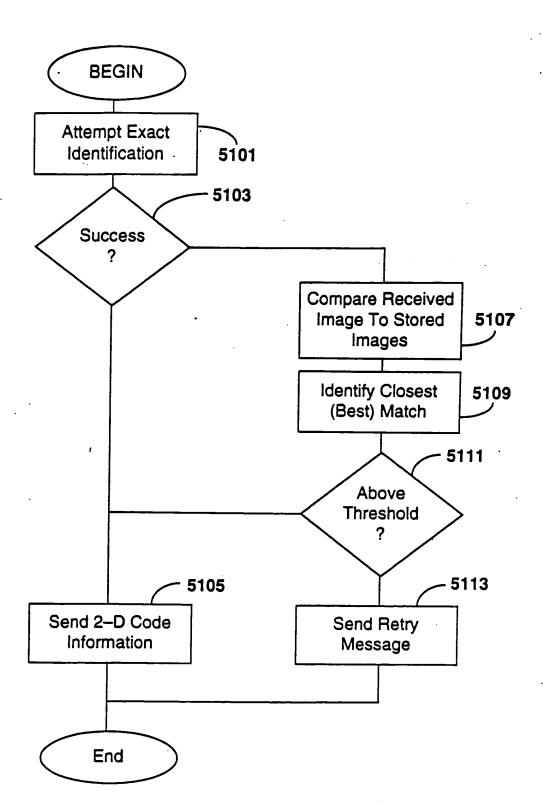


Fig. 51a

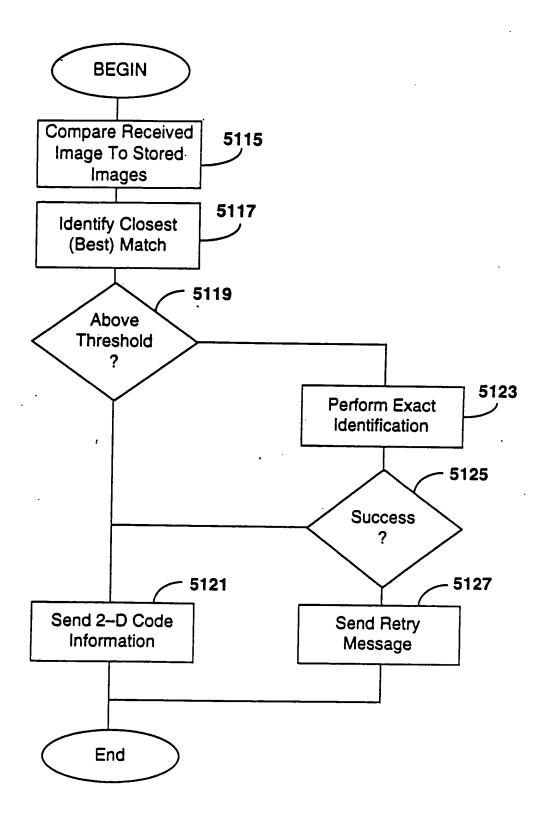


Fig. 51b

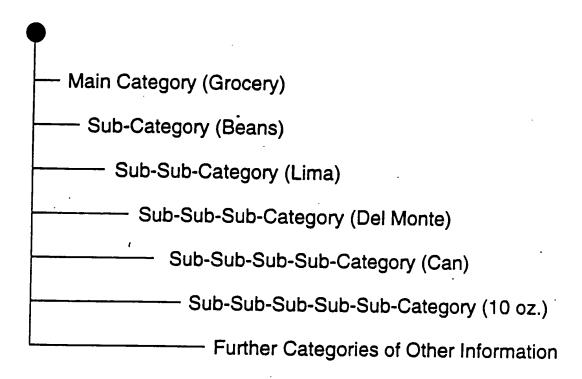


Fig. 52

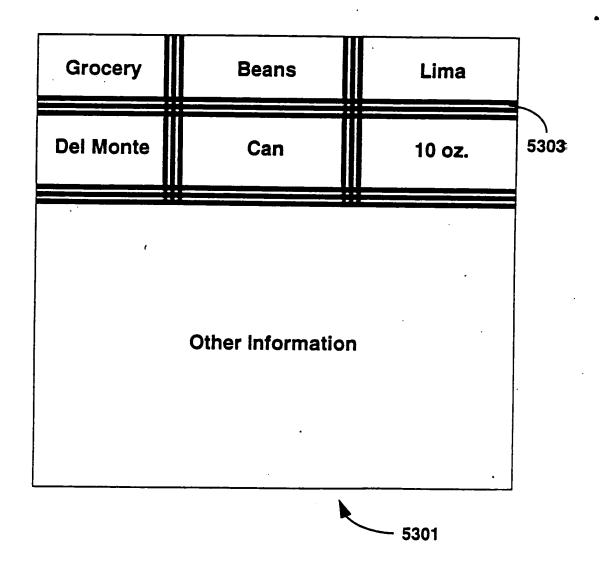


Fig. 53

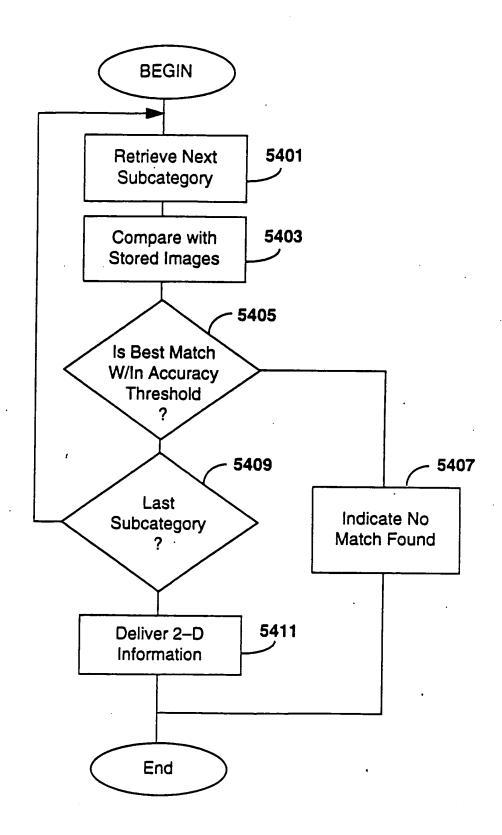


Fig. 54

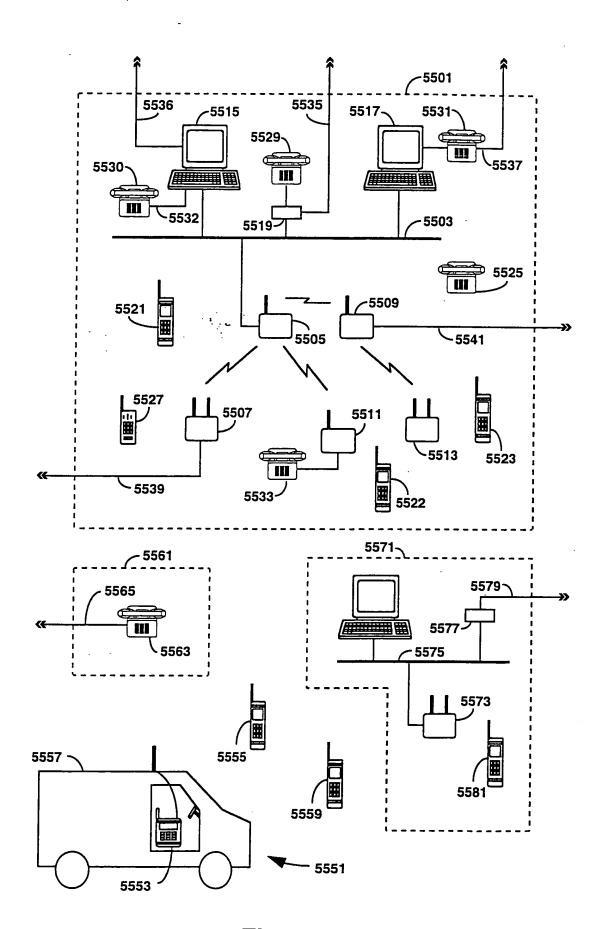


Fig. 55a

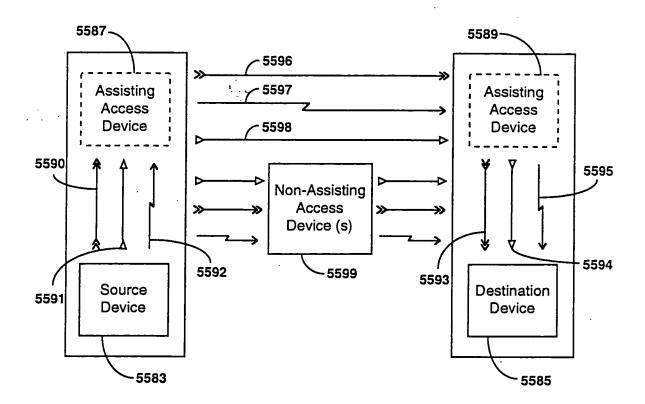


Fig. 55b

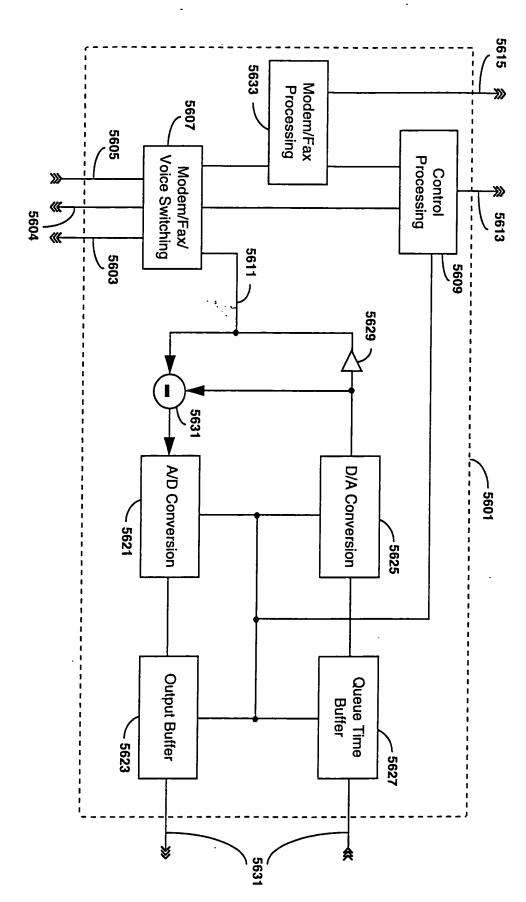


Fig. 56a

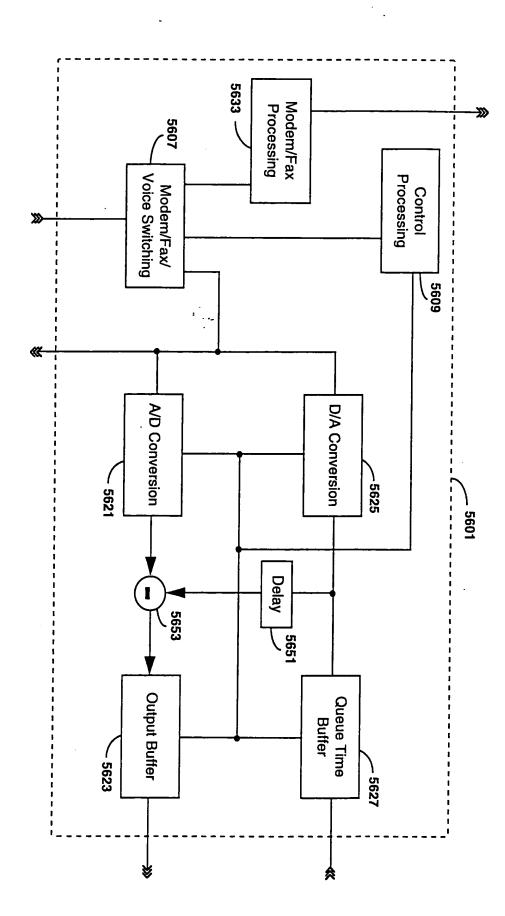


Fig. 56b

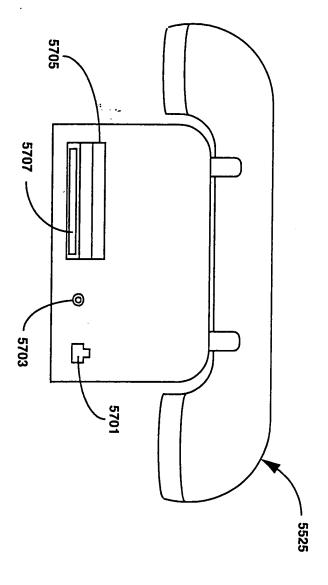


Fig. 57

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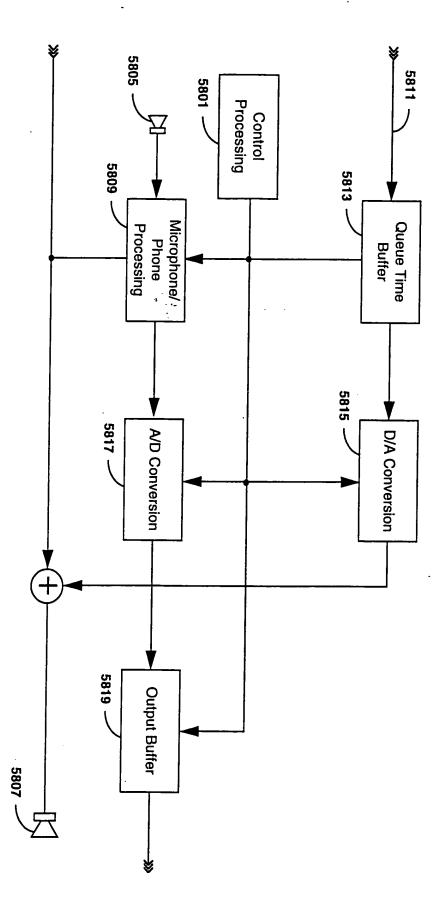


Fig. 58

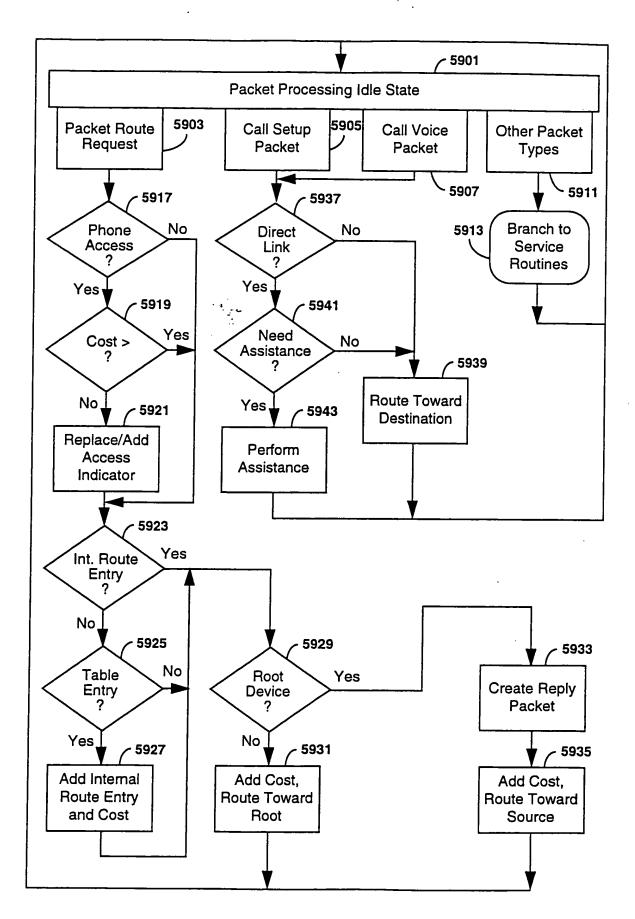


Fig. 59

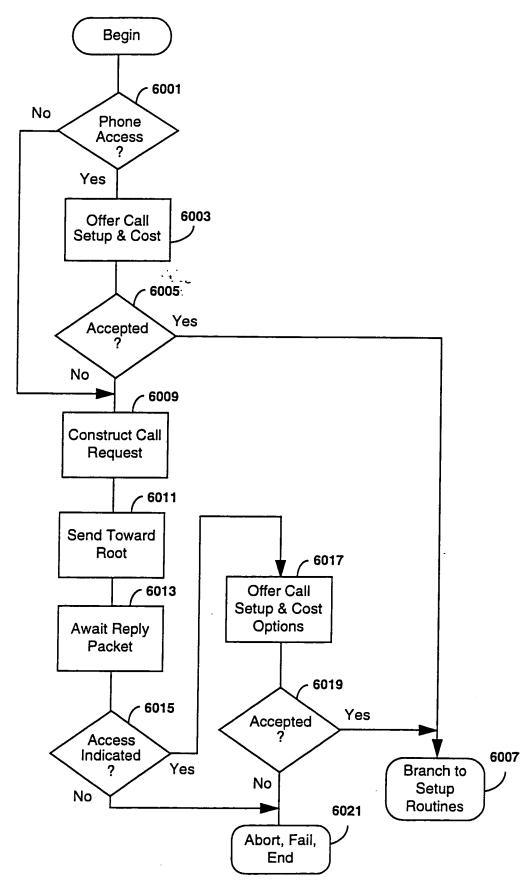


Fig. 60

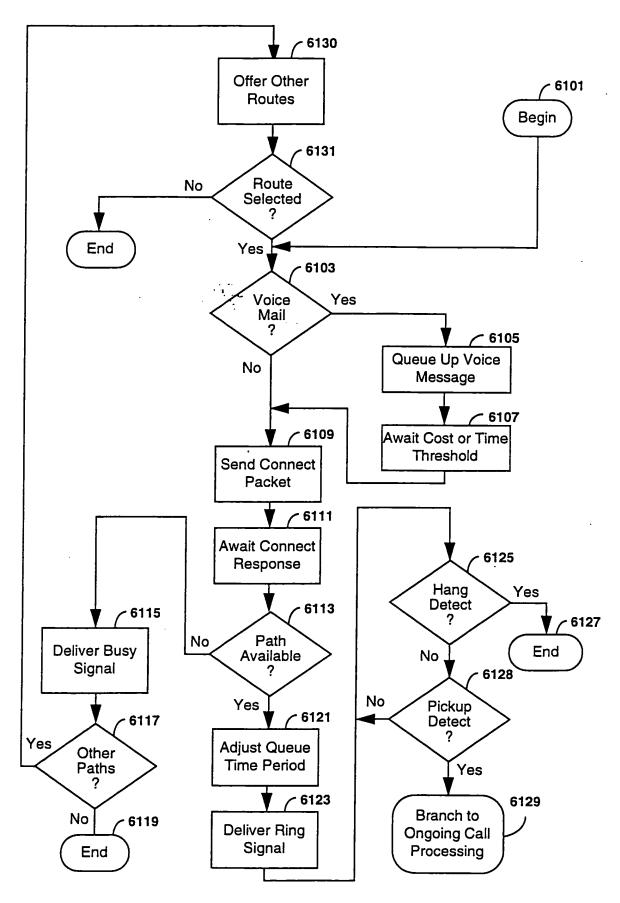


Fig. 61

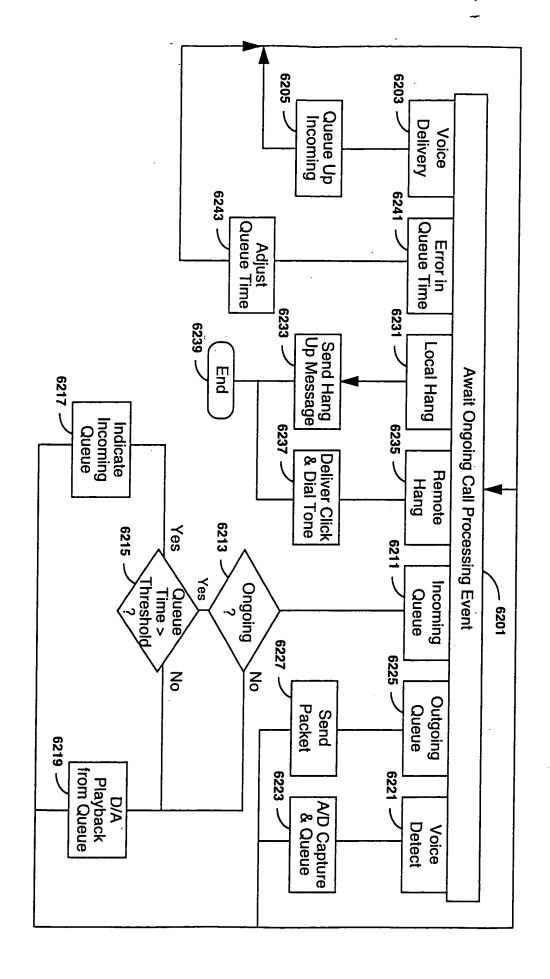


Fig. 62

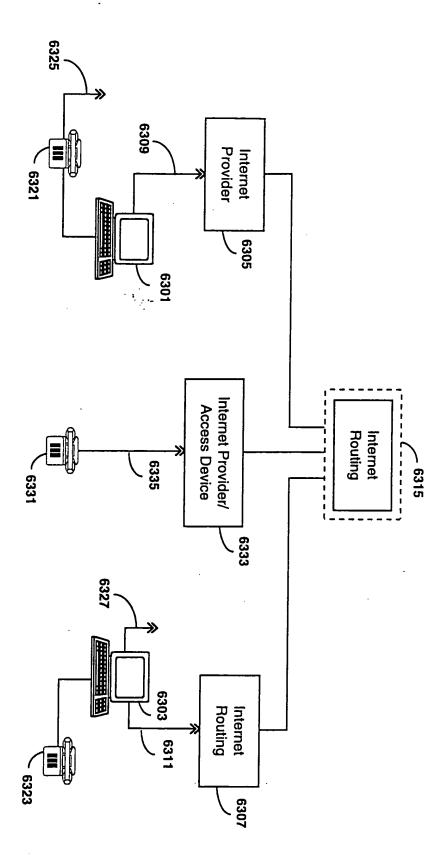


Fig. 63